

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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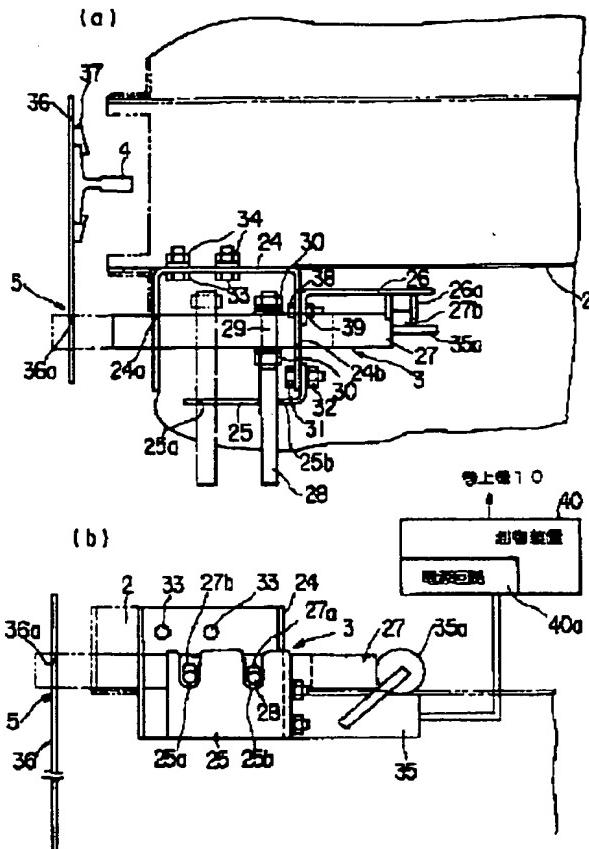
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TITLE : STOP LOCKING DEVICE FOR ELEVATOR CAR



**ABSTRACT :** PROBLEM TO BE SOLVED: To reduce such a danger that an inspector gets caught between a car and a ceiling by providing a lock bar to be advanced and retreated in the longitudinal direction on the upper part of an elevator car and providing a fixing function for locking a longitudinal direction tip part when the lock bar is advanced.

SOLUTION: An operating mechanism 3 is arranged at a ceiling part of a car and is operated by an inspector at the time of maintenance and inspection. This operating mechanism 3 is constituted of first to third brackets 24 to 26, a lock bar 27, an operating lever 28, an operating lever connecting shaft 29, a nut for fixing 30, a bolt for fixing 31, a nut for fixing 32, a bolt for fixing upper beam 33, a nut for fixing upper beam 34 and a limit switch 35 as a power source off means. A fixing mechanism 5 is fixed to rail clip for mounting a guide rail 4 on a stationary part of a wall of a hoistway. In this fixing mechanism 5, three insertion holes 36a capable of locking a tip of the lock bar 27 are formed.

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